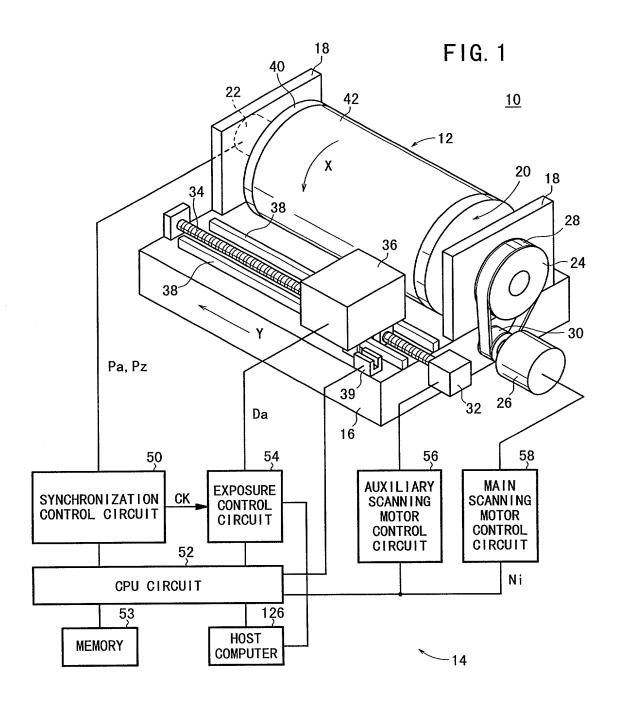
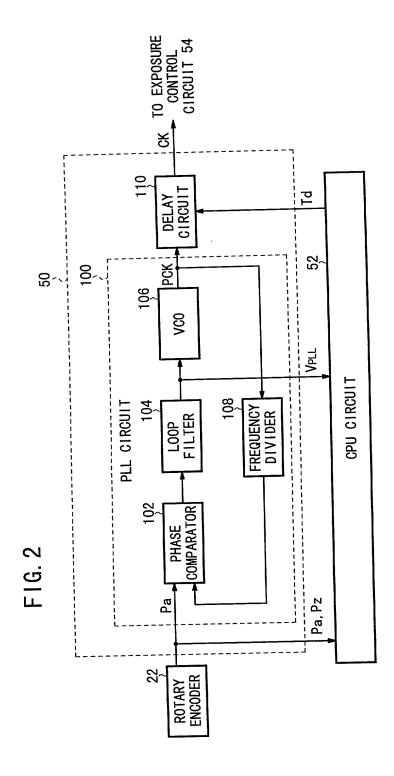
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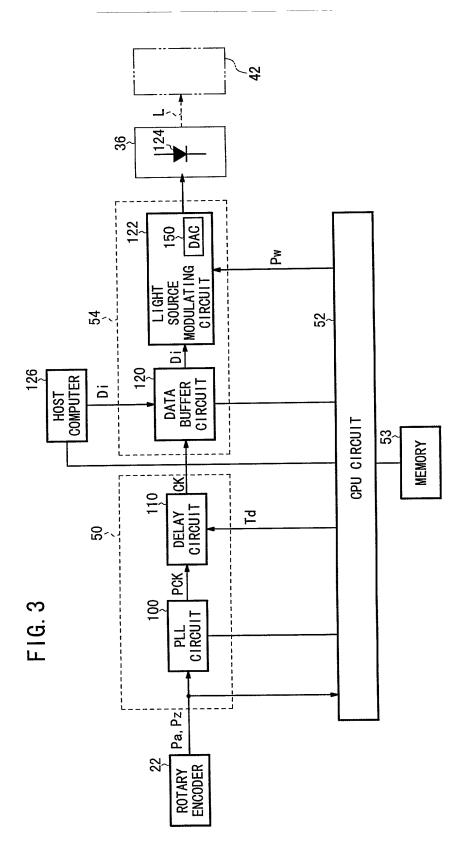
1 of 22



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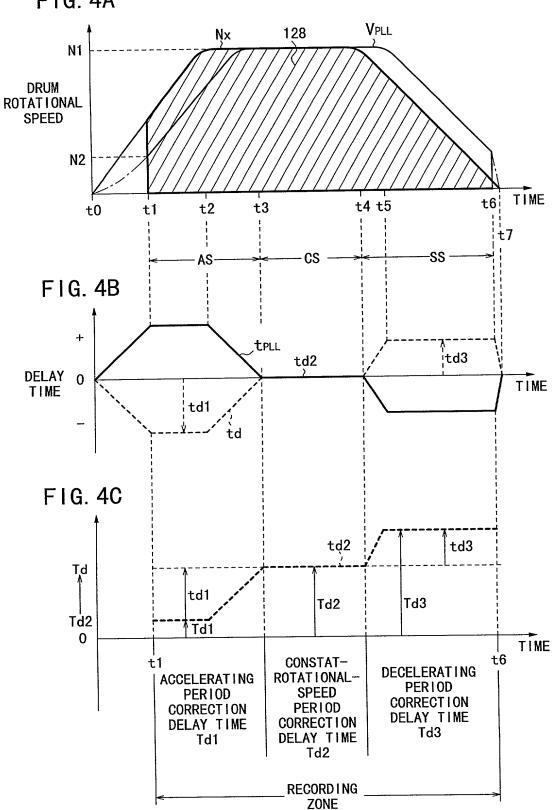
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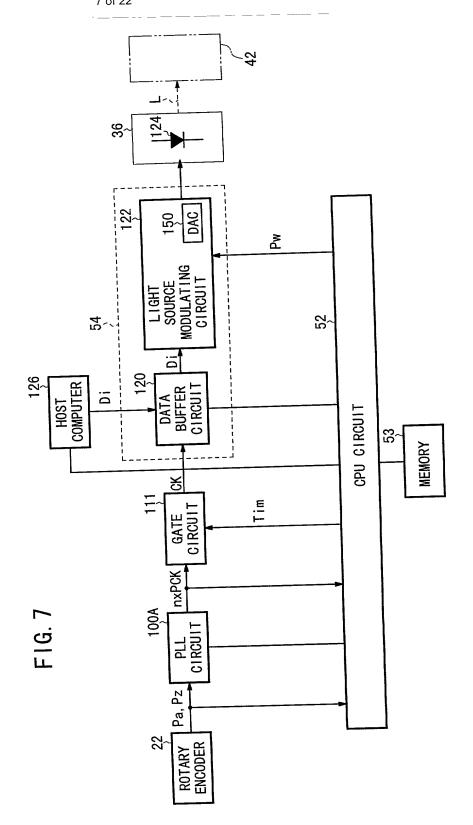
FIG. 5

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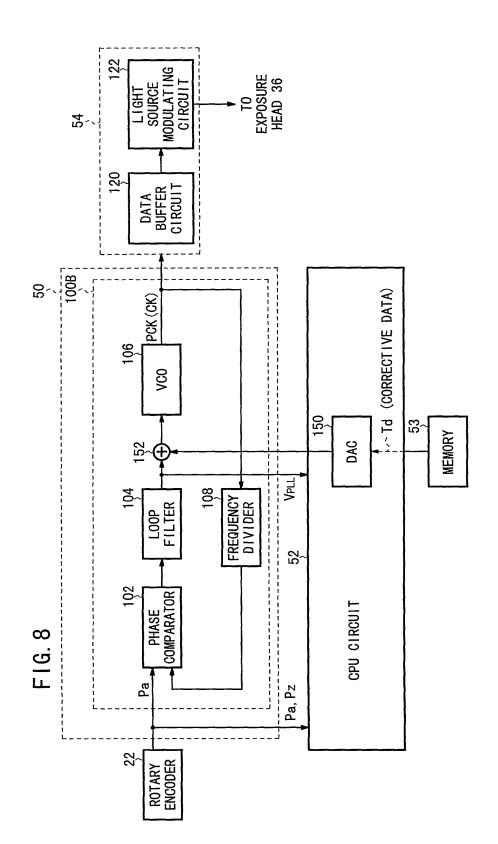
STOR			
0.0.	RAGE AREA	ADDRESS	DATA
53a	BASIC DELAY TIME DATA td	ADa I ADb	td1 td2 l td3
53b	ACCELERATING PERIOD CORRECTION DELAY TIME	ADc ADd	Td1 Td2
53c	DECELERATING PERIOD CORRECTION DELAY TIME	ADe ADf	Td2 Td3
53d	ACCELERATING PERIOD LASER OUTPUT	ADg ADh	Pwa I Pwc
53e	DECELERATING PERIOD LASER OUTPUT	ADi ADj	Pwc Pws

Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 6 of 22 TO DELAY CIRCUIT 110 CONTROL CONTROL CIRCUIT 56 TO MAIN SCANNING MOTOR CONTROL CIRCUIT 58 **AUXILIARY SCANN I NG** Ъ F1G. 6 52 **DECELERATING** STORAGE AREA DELAY TIME CORRECTION PER I OD 23cDECELERATION START TIME ACCEL ERAT I NG STORAGE AREA CORRECTION DELAY TIME PER I 0D 53b SS P_{Z} Tsp DECELERATION START TRIGGER GENERATOR TRIGGER GENERATOR 141 RECORDING START 128 RECORD ING. ZONE RECORDING START TIME S ž DECELERATION START POSITION DETECTOR 132 138 START SPEED COMPARATOR mt-mss *SY* DRUM ROTATIONAL SPEED **DECELERATION** 30 140 START TIME CALCULATOR INTEGRATOR RECORDED AMOUNT DETECTOR Ξ 0 RECORDING START SPEED (N2) — SPEED 36 OUTPUT IMAGE Size Р 22 HOST ROTARY ENCODER

Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 7 of 22

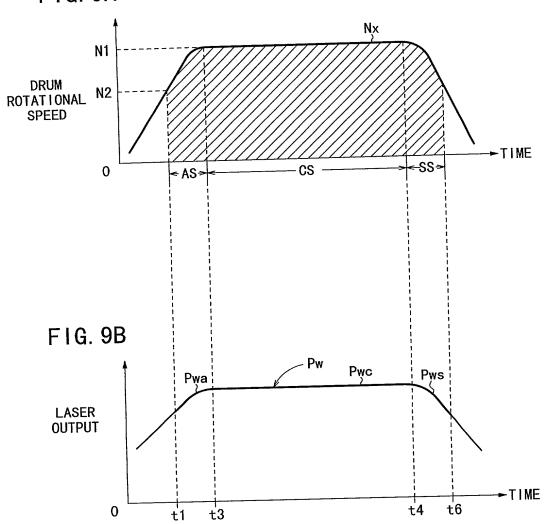


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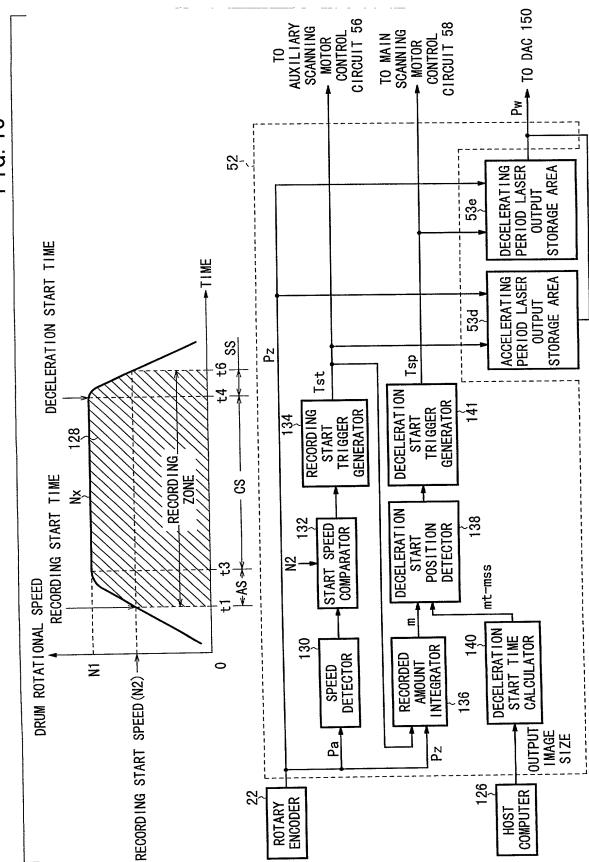


Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 9 of 22

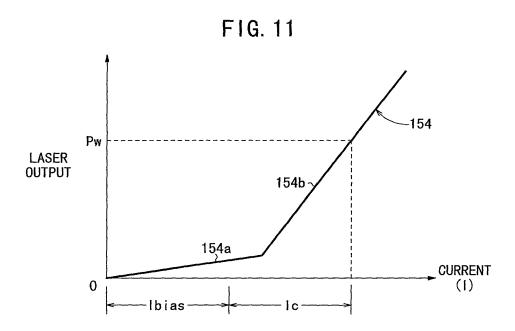




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10 of 22 TO DAC 150 MOTOR CONTROL CIRCUIT 56 TO MAIN
SCANNING
MOTOR
CONTROL
CIRCUIT 58 AUX IL I ARY SCANN I NG 52 PERIOD LASER OUTPUT **DECELERATING** STORAGE AREA ACCELERATING PERIOD LASER STORAGE AREA OUTPUT 53d SS P_Z Tsp £6 Tst DECELERATION START TRIGGER GENERATOR 141 START TRIGGER GENERATOR RECORD ING RECORD I NG. ZONE છ 138 132

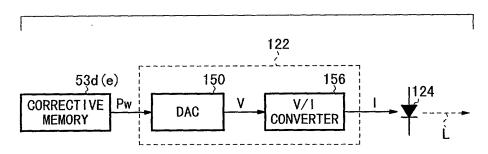


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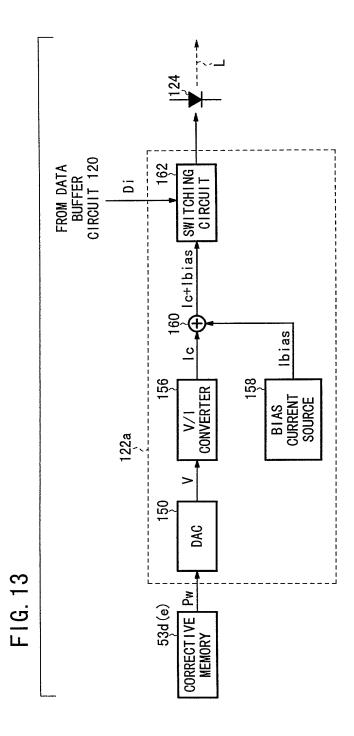


Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 12 of 22

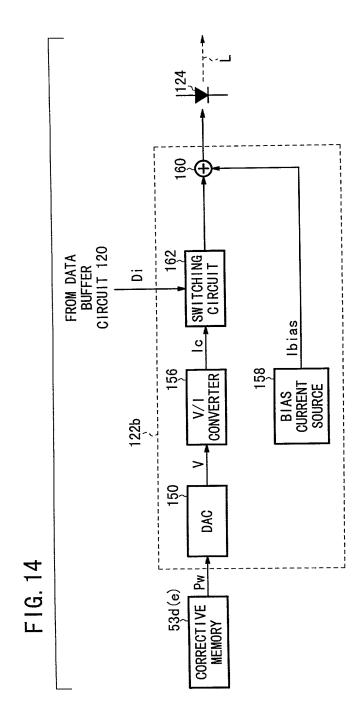
FIG. 12



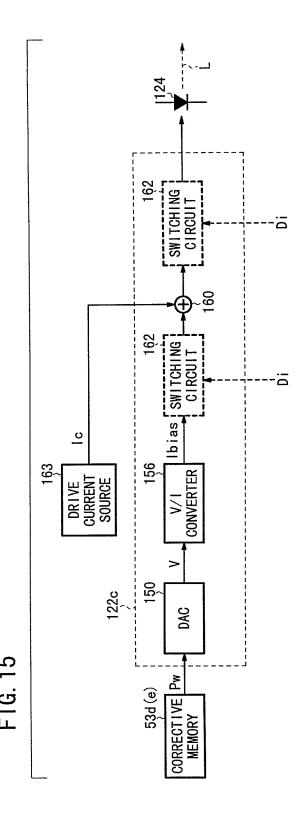
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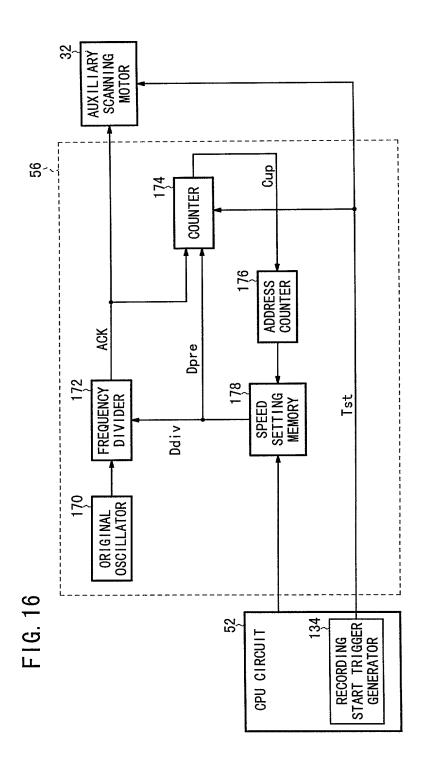
Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 14 of 22



Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 15 of 22



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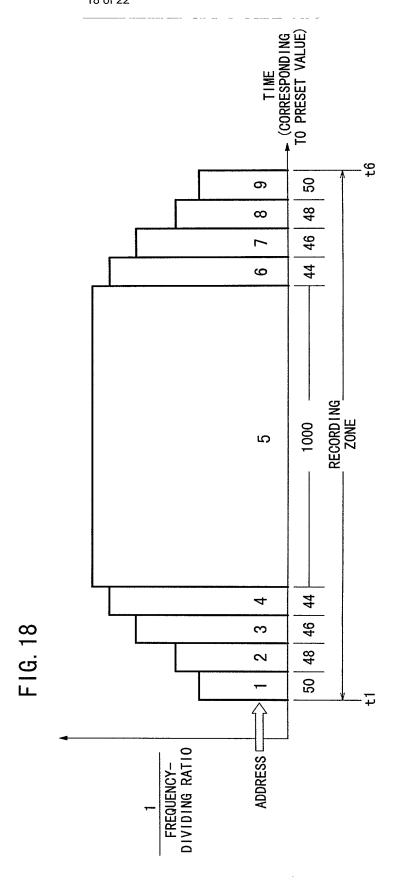
Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060 17 of 22

FIG. 17

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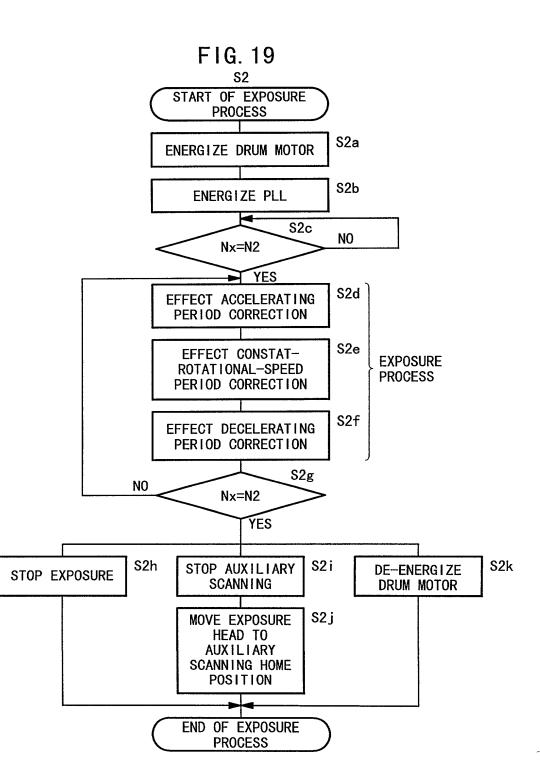
ADDRESS	FREQUENCY- DIVIDING RATIO (Ddiv)	PRESET VALUE (Dpre)	APPARATUS OPERATING STATUS
1	100	50	ACCELERATION STARTED
2	95	48	IN ACCELERATION
3	90	46	DITTO
4	85	44	DITTO
5	80	1000	AT CONSTANT SPEED
6	85	44	DECELERATION STARTED
7	90	46	IN DECELERATION
8	95	48	DITTO
9	100	50	DECELERATION ENDED

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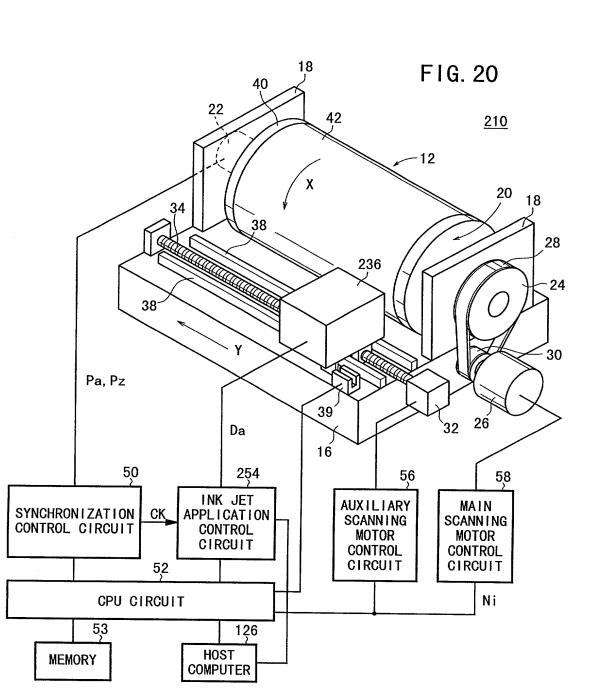
Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060

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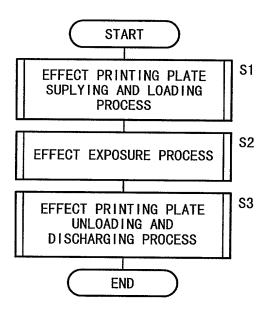
Q67364 OZAKI, et al APPARATUS FOR AND METHOD OF RECORDING IMAGES Filed: January 16, 2002 Darryl Mexic 202-293-7060

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FIG. 21 PRIOR ART



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